

SEQUENCE LISTING

5 GENERAL INFORMATION:

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(120) TITLE OF THE INVENTION:

(130) FILE REFERENCE:
15 (A) Medium type: Diskette
(B) Computer: IBM compatible
(C) Operating system: Windows 98
(D) Software: Word 6.0

20 (150) Earlier patent application:
(A) Application number: NO 19992786
(B) Filing date: 08-JUN-1999

25 (160) NUMBER OF SEQUENCE ID NOS: 2

(210) INFORMATION FOR SEQ ID NO: 1

(i) Sequence characteristics:

- (A) Length: .. amino acid residues
 5 (B) Type: amino acid
 (D) Topology: single

(xi) Sequence description: SEQ ID NO: 1

10	Glu Phe Lys Phe Leu Pro Pro Pro Gly Tyr	
	1	5 10
	Ala Pro Cys His Glu Ala Val Leu Pro Arg	
		15 20
	Glu Arg Leu Arg Leu Glu Pro Ile Lys Glu	
15		25 30
	Tyr Arg Arg Glu Gly Pro Arg Gly Pro His	
		35 40
	Leu Val Gly Pro Ser Arg Cys Leu Ser His	
		45 50
20	Thr Asp Phe Val Pro Cys Pro Val Asp Thr	
		55 60
	Val Gln Ile Val Leu Pro Pro His Leu Glu	
		65 70
	Arg Ile Arg Glu Lys Leu Ala Glu Asn Ile	
25		75 80
	His Glu Leu Trp Ala Leu Thr Arg Ile Glu	
		85 90
	Gln Gly Trp Thr Tyr Gly Pro Val Arg Asp	
		95 100
30	Asp Asn Lys Arg Leu His Pro Cys Leu Val	
		105 110
	Asn Phe His Ser Leu Pro Glu Pro Glu Arg	
		115 120
	Asn Tyr Asn Leu Gln Met Ser Gly Glu Thr	
35		125 130
	Leu Lys Thr Leu Leu Ala Leu Gly Cys His	
		135 140
	Val Gly Met Ala Asp Glu Lys Ala Glu Asp	
		145 150
40	Asn Leu Lys Lys Thr Lys Leu Pro Lys Thr	
		155 160
	Tyr Met Met Ser Asn Gly Tyr Lys Pro Ala	
		165 170
	Pro Leu Asp Leu Ser His Val Arg Leu Thr	
45		175 180
	Pro Ala Gln Thr Thr Leu Val Asp Arg Leu	
		185 190
	Ala Glu Asn Gly His Asn Val Trp Ala Arg	
		195 200
50	Asp Arg Val Ala Gln Gly Trp Ser Tyr Ser	

				205					210	
	Ala	Val	Gln	Asp	Ile	Pro	Ala	Arg	Arg	Asn
				215						220
	Pro	Arg	Leu	Val	Pro	Tyr	Arg	Leu	Leu	Asp
5				225						230
	Glu	Ala	Thr	Lys	Arg	Ser	Asn	Arg	Asp	Ser
				235						240
	Leu	Cys	Gln	Ala	Val	Arg	Thr	Leu	Leu	Gly
				245						250
10	Tyr	Gly	Tyr	Asn	Ile	Glu	Pro	Pro	Asp	Gln
				255						260
	Glu	Pro	Ser	Gln	Val	Glu	Asn	Gln	Ser	Arg
				265						270
	Trp	Asp	Arg	Val	Arg	Ile	Phe	Arg	Ala	Glu
15				275						280
	Lys	Ser	Tyr	Thr	Val	Gln	Ser	Gly	Arg	Trp
				285						290
	Tyr	Phe	Glu	Phe	Glu	Ala	Val	Thr	Thr	Gly
				295						300
20	Glu	Met	Arg	Val	Gly	Trp	Ala	Arg	Pro	Glu
				205						310
	Leu	Arg	Pro	Asp	Val	Glu	Leu	Gly	Ala	Asp
				315						320
	Glu	Leu	Ala	Tyr	Val	Phe	Asn	Gly	His	Arg
25				325						330
	Gly	Gln	Arg	Trp	His	Leu	Gly	Ser	Glu	Pro
				335						340
	Phe	Gly	Arg	Pro	Trp	Gln	Ser	Gly	Asp	Val
				345						350
30	Val	Gly	Cys	Met	Ile	Asp	Leu	Thr	Glu	Asn
				355						360
	Thr	Ile	Ile	Phe	Thr	Leu	Asn	Gly	Glu	Val
				365						370
	Leu	Met	Ser	Asp						
35				374						

(210) INFORMATION FOR SEQ ID NO: 2

(i) Sequence characteristics:

- (A) Length: .. amino acid residues
 (B) Type: amino acid
 (D) Topology: single

(xi) Sequence description: SEQ ID NO: 2

10	Arg Gly Arg Ser Leu Thr Lys Ala Gln Arg	
	1 5 10	
	Asp Val Ile Glu Asp Cys Leu Met Ala Leu	
	15 20	
	Cys Arg Tyr Ile Arg Pro Ser Met Leu Gln	
15	25 30	
	His Leu Leu Arg Arg Leu Val Phe Asp Val	
	35 40	
	Pro Ile Leu Asn Glu Phe Ala Lys Met Pro	
	45 50	
20	Leu Lys Leu Leu Thr Asn His Tyr Glu Arg	
	55 60	
	Cys Trp Lys Tyr Tyr Cys Leu Pro Thr Gly	
	65 70	
	Trp Ala Asn Phe Gly Val Thr Ser Glu Glu	
25	75 80	
	Glu Leu His Leu Thr Arg Lys Leu Phe Trp	
	85 90	
	Gly Ile Phe Asp Ser Leu Ala His Lys Lys	
	95 100	
30	Tyr Asp Gln Glu Leu Tyr Arg Met Ala Met	
	105 110	
	Pro Cys Leu Cys Ala Ile Ala Gly Ala Leu	
	115 120	
	Pro Pro Asp Tyr Val Asp Ala Ser Tyr Ser	
35	125 130	
	Ser Lys Ala Glu Lys Lys Ala Thr Val Asp	
	135 140	
	Ala Glu Gly Asn Phe Asp Pro Arg Pro Val	
	145 150	
40	Glu Thr Leu Asn Val Ile Ile Pro Glu Lys	
	155 160	
	Leu Asp Ser Phe Ile Asn Lys Phe Ala Glu	
	165 170	
	Tyr Thr His Glu Lys Trp Ala Phe Asp Lys	
45	175 180	
	Ile Gln Asn Asn Trp Ser Tyr Gly Glu Asn	
	185 190	
	Val Asp Glu Glu Leu Lys Thr His Pro Met	
	195 200	
50	Leu Arg Pro Tyr Lys Thr Phe Ser Glu Lys	

